

Gold Mine Data Tables

Analytical Data Summary

	Sample ID Station ID Sample Date Sample Time Latitude Longitude	085M-1482		085M-1483		085M-1485	
		A72	8/5/2015 12:00:00 AM	A72	8/5/2015 12:00:00 AM	A72	8/5/2015 12:00:00 AM
		16:15		13:45		20:10	
		37.79027		37.79027		37.79027	
		-107.66758		-107.66758		-107.66758	
Analyte	CAS No	Dissolved	Total	Dissolved	Total	Dissolved	Total
Aluminum	7429-90-5	12000	126000	513	5970	1370	12800
Antimony	7440-36-0				6.17		10.2
Arsenic	7440-38-2	0.797	1080		28.9		116
Barium	7440-39-3	22.6	1410	20.2	168	21.6	111
Beryllium	7440-41-7	4.5	18.4				2.06
Cadmium	7440-43-9	15.2	28.3	1.81	2.27	4.29	4.69
Calcium	7440-70-2	95400	98400	61300	61700	55700	55100
Chromium	7440-47-3						10.6
Cobalt	7440-48-4	32.1	54.1	5.75	7.04	7.98	9.51
Copper	7440-50-8	1410	4820	9.27	49.3	205	542
Iron	7439-89-6	5840	1.25e+006		66300	3170	164000
Lead	7439-92-1	50.7	25600	0.225	214	3.12	1390
Magnesium	7439-95-4	8030	41800	4590	5600	4650	6490
Manganese	7439-96-5	6650	12200	1370	1480	1810	2020
Mercury	7439-97-6		0.418				0.065
Nickel	7440-02-0	13.8		2.87	4.33	4.04	6.61
Potassium	7440-09-7	1520	28600	691	2380	721	3030
Selenium	7782-49-2	1.14					
Silver	7440-22-4		149				8.25
Sodium	7440-23-5	2600	4750	2400	2470	2310	2460
Thallium	7440-28-0						
Vanadium	7440-62-2		677		18.3		80.7
Zinc	7440-66-6	4020	6840	699	731	1210	1250

U: analyte not detected at or above Reporting Limit

Bold: result exceeds EPA MCL

085M-1486		085M-1488		085M-1489		085M-1491	
A72	CC48	CC48	32nd St Bridge				
8/5/2015 12:00:00 AM	8/5/2015 12:00:00 AM	8/5/2015 12:00:00 AM	8/5/2015 12:00:00 AM				
23:50	23:00	19:25	20:50				
37.79027	37.82	37.82	37.3				
-107.66758	-107.6631	-107.6631	-107.86820				
Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
59.1	4470	14400	28700	23900	69000		176
	2.66		14.1		35.1		
	27.1		203		732	0.628	
20.8	47.6	4.31	159	25.7	439	48.2	49.9
2.59	3.23	19.1	18.5	30.6	30.6	0.178	
51000	51100	167000	154000	190000	171000	51200	52000
			17.2			3.06	
5.4	5.92	36.2	39.1	54.4	59.8	0.321	
11.4	180	1130	1480	2260	3620	1.7	2.7
2090	35700	21300	276000	27000	896000		331
0.118	301	54.1	2010	73.9	7530	0.24	2.56
4170	4640	12300	15000	15400	23400	7280	7140
1320	1350	8020	8270	10900	11900	105	118
			0.077			0.078	
2.69	3.75	18.2	20.8	28.8	36		
631	1480	1600	5220	2160	11300	1960	2050
			10.1				
			10.8		45.7		
2330	2310	3660	3940	3930	4450	11400	11100
						12	
	18.7		131		455		
733	806	5820	5400	8540	8060	43.5	71.9

085M-1495 Bakers Bridge 8/5/2015 12:00:00 AM 20:05 -37.45413 -107.80160		085M-1496 Cement Creek 14th St Bridge 8/5/2015 12:00:00 AM 16:00 37.8124 -107.66140		085M-1497 A68 8/5/2015 12:00:00 AM 16:00 37.81120 -107.65917		085M-1499 A68 8/5/2015 12:00:00 AM 19:15 37.81120 -107.65917	
Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
52.3	363	91900	945000	55.1	111	45.6	103
			321				
			8230				
29.8	29.9	34.8	9730	21.3		21.9	
			135				
0.353		98.3	165	0.828	0.724	0.815	0.652
32600	33000	461000	454000	36400	37600	37200	37700
			706	1.08			
1.02	0.975	204	384	0.34		0.371	
2.28	4.03	10400	36700	3.45	6.15	3.16	4.14
	421	49500	9.93e+006		165		132
			179000	0.232	1.77	0.283	1.54
3990	4110	36500	279000	2580	2560	2560	2540
306	302	37100	78000	737	729	727	711
			19.2				
0.646		91.5	276				
631	751	6630	212000	535	636	530	644
			1110				
1790	1870	4960	23400	1750	1680	1720	1710
			5470				
85.8	129	26800	44000	199	222	238	248

085M-1500		085M-1484		085M-1487		085M-1490	
A68		A72		CC48		32nd St Bridge	
Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
31	88.3		2780	10100	16400		220
			15.7		6.79		
22.5		21.5	31.2		98.5		
				2.65	52.3	45.7	46.8
0.974	0.717	2.11	2.34	14.2	14.5	0.19	
36700	38500	50700	50300	156000	146000	52200	51600
1.23					6.62	2.47	
0.375		4.69	5.24	30.7	29.8	0.307	
3.52	4.89	7.63	113	786	909	1.62	3.31
	138	1980	18400	20000	130000		371
0.82	2.18		88.3	30	536	0.115	3.46
2580	2590	4030	4120	10900	11300	7120	7050
757	750	1160	1170	6720	6540	97.8	120
		2.72	3.54	15.8	14.8		
515	616	605	940	1410	2470	1890	2050
					2.53		
1740	1710	2310	2250	3690	3730	11000	10900
			12.4		67.3		
324	316	609	672	4650	4160	49.1	79.8

085M-1492 32nd St Bridge 8/6/2015 12:00:00 AM 00:40 37.3 -107.86820		085M-1493 Bakers Bridge 8/6/2015 12:00:00 AM 00:00 -37.45413 -107.80160		085M-1494 Bakers Bridge 8/6/2015 12:00:00 AM 09:00 -37.45413 -107.80160		085M-1498 A68 8/6/2015 12:00:00 AM 06:15 37.81120 -107.65917	
Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total
0.603	171	43.9	375	904	31400	30.5	90.9
49.3	48.8	29.9	30.7	30.3	341	21.8	
0.16		0.336		5.32	6.13	0.85	0.703
51400	52200	32600	32400	46500	48500	36900	38300
3							
0.332		1.08	1.12	9.32	12.8	0.405	
1.56		1.88	4.15	189	1120	3.26	4.63
	295		412	189	326000		143
	1.8		1.5	1.56	5720	0.329	1.55
7350	7160	3920	3920	5300	12100	2610	2590
105	113	296	295	2090	3040	817	793
					0.152		
2020	2110	0.788	748	5.39	8400	514	578
		646		912			
11600	11300	1790	1820	1960	37.8		
	13.2				2710	1720	1690
37.8	67.7	110	137	1700	1860	326	321
					172		